What the invention claimed is:

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1. A signal line connector comprising:

a locknut, said locknut having an inner thread in a first end thereof for threading onto an outer thread at a adapter, and a coupling portion in a second end thereof;

a center holding down tube coupled to the coupling portion of said locknut, said center holding down tube comprising a tube body, a barbed portion at one end of said tube body, a coupling portion at an opposite end of said tube body, and a passage hole axially extended through the coupling portion, tube body and barbed portion of said center holding down tube;

a hollow cylindrical casing mounted to said center holding down tube, said hollow cylindrical casing comprising a coupling neck axially extended from a rear end thereof and press-fitted into the coupling portion of said locknut to hold down said center holding down tube, a rear coupling hole, which accommodates the coupling portion of said center holding down tube, a front coupling hole, and an inside annular groove in said front coupling hole;

a gasket ring mounted around the coupling neck of said hollow cylindrical casing and peripherally stopped against the coupling portion of said locknut; and

a locating barrel plugged into the front coupling hole of said hollow cylindrical casing, said locating barrel comprising a receiving hole axially extended through two distal ends thereof and adapted to accommodate a signal line, an inside annular flange extended around an inside wall thereof in said receiving hole and adapted to hold down a signal line in said receiving hole, a first outside annular flange and a second outside annular flange respectively extended around the periphery thereof for selectively engaging the inside annular groove of said hollow cylindrical casing.

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- 2. The signal line connector as claimed in claim 1, wherein said coupling neck of said hollow cylindrical casing has an outside annular groove extended around the periphery thereof; said gasket ring is mounted in the outside annular groove around the periphery of said coupling neck of said hollow cylindrical casing.
- 3. The signal line connector as claimed in claim 1, wherein15 said barbed portion of said center holding down tube has a flat face facing the inside annular flange of said locating barrel.